

ATTORNEY'S DOCKET NUMBER: 2003390-0001 (ROBIC 2931300001)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Lancot, et al. Examiner: Tizio, Steven  
Serial No.: 09/641,931 Art Unit: 1627  
Filed: August 18, 2000  
For: NUCLEIC ACID MOLECULE, METHOD AND KIT FOR SELECTING A  
NUCLEIC ACID HAVING A DESIRED FEATURE

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

**RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT  
APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID  
SEQUENCE DISCLOSURES**

Responsive to the Notice mailed August 12, 2002, Applicant respectfully requests  
entrance of the following Amendment.

**Amendment**

In the Specification:

Beginning on a new page immediately before the claims, please replace the existing  
Sequence Listing with the replacement Sequence Listing submitted herewith. Please renumber  
subsequent pages accordingly.

On page 46, please replace Table 1 with the following Table 1, which includes SEQ ID  
NOs:

TABLE 1

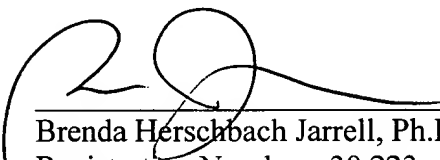
#	Length (bp)	Number of inserts	Nucleotide sequence	Putative translation product	GenBank hit (accession no., description)	Presence of signal peptide
1	132	25	tgaccacaggggctctgcaacacaaaggagtgc atgtctaagtgtagagatgtcagctttgtggata cggggactctgttgccttgcagtaacttcgtgcct agcaacatgccaatatttgcatacggg (SEQ ID NO 34)	<u>MLSFVDTRTLLLVTSCLATCQ</u> <u>YLQSGSSRSAAP...</u> (SEQ ID NO. 38)	K01832 Mouse musculus procollagen, type 1, alpha 2	Yes
2	222	1	ccacgctgtgcaacaatgggttctctgcaggccacc ccggatggggagatgtgggaggccacgggctgat ggcattgtgatggccggcttattcttgcagggaat cttggctaaaggcattggggaccctctcggaacct gtaaggaccccacgagagatcacctcccgaatg accctgttcattggaaagacttgctccaacagc atagcagccaagggtg (SEQ ID NO. 35)	<u>MGSSQAPRMGSVGGHGLMALL</u> <u>MAGLILPGILAKSIGTLPCKDP</u> <u>TRITSPNDPCLIGKTGSNSISSQG</u> <u>GSSRSAAP...</u> (SEQ ID NO. 39)	NM_001264 Corneodesmosin	Yes
3	132	2	agcagcgttggcaccggcggaacatggctggg atttctatttcacctcttttcgttctctttggaattgcg acgctgtcacccggtctagggtataccccgggaat gaagttaatttgatcca (SEQ ID NO. 36)	<u>MAGIFYFLFSFLFGICDAVTGSRV</u> <u>YPANEVTL LDRSSRSAAP...</u> (SEQ ID NO. 40)	NM_007936	Yes

TABLE 1 (cont)

4	262	1	gcccattatgagacattaacactgaanaatgnaaa acagactctcagagctcttcttagctctggcctccc tgaacatgtagtggagcagcagccaacagagatg ggccttgggaagcagctccagcagtgatgttcc atcttggccctgaagcctcctgggagattgttggcctc tctggcccgactgctgatacaacagagatacagct caggatgccagtggttgaggtaaacagaggttttaa ggagaaggaagcccagata	<u>MENRLLRVFLVW/AALTMDGASA</u> <u>KQDGLWESKSSSDVSSCPEASL</u> <u>EIVGSLARLPDQDDTAQDASVEV</u> <u>NRGFKKEGSPDRSSSSRSAAP...</u>	D78270 Golgi autoantigen golgin, subfamily a3	Yes
5	309	1	cgaagctctgacgaatcagatggccctgtcaactt cccaggttgggattgtcttggagttaacagcctfgaa cgcagagagcccgaaagcagagcattcaggcgca agcagagaacacccctgcagaggtttccaagaa tccctggcagtgcaagacaaggctgtttcgggt cataccaggtataatcctgtttcaatttggccalcgg cgtaatacttcttaggattcacagcaagtcgaat taagaggccgaatgggagtgaaaggacctccca cagtgttatctgactctccatgggaccaacacatctg	<u>MARQGCFGSYQVVISLFTFAIGN</u> <u>LCLGFTASRIKRAEWDEGPTVL</u> <u>SDSPW/TNTSGSSRSAAP...</u>	AF123542 Phosphodiestera sel/Nucl eotide pyrophosphatase 2	Yes
9	115	1	(SEQ ID NO. 42) cagagaatgaagccctgtacacaacacacag attcaacgaggtgttcccttagcaaggttgaag attcagctcttggatttgggaatttggatgcagctctt gttttggatg	(SEQ ID NO. 43) MKTQHNRFKRGVPLARKIQS LVFGIWMQSLFLDGSSSSRSAAP...	NM_001264 Corneodesmosin	No
			(SEQ ID NO. 45)			

Please charge any fees that may be required for the processing of this Response, or credit any overpayments, to our Deposit Account No. 03-1721.

Respectfully submitted,

  
Brenda Herschbach Jarrell, Ph.D.  
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Dated: 9/11/2002

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on September 11, 2002  
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